

KHAUF, W.
//TENSIDE DETERGENTS//
--/--/1973, V0010, N0005,
Determination of the Toxicity of Surfactants Using
Water Organisms,
pp 251-255, NTC 74-11110-11100

Ye. A. Karpov
Use of Integral Equations for Calculation
of Periodic Modes in Nonlinear Circuits
TEORETICHESKAYA ELEKTROTEKHNIKA, No. 5,
1968, pp 108-112
FSTC-HT-23-381-72

TEORETICHESKAYA I EKSPERIMENTAL'NAYA KHIMIYA

THEORETICAL AND EXPERIMENTAL CHEMISTRY

COVER TO COVER CONSULTANTS BUREAU

BEGAN WITH 1965 ISSUES

HEC

Uncl (ANL-Trans--940) Reason for the nature of the 18-May-73
first resonance in the excitation of benzene by electron
collision. IOGENSEN, L.B. Translated from Teor.
Eksp. Khim.; 8: No. 3, 419-420(1972). 5p. Dep. NTIS
\$3.00.

07D chemistry (physical); translations
MN-4 P NSA

NTC 73-13455-07E

Sidorov, A.N.

Electronic spectra of complexes of metalloporphyrins with organic electron acceptors in solution.

TEORETICHESKAYA I EKSPERIMENTAL'NAYA KHIMIYA,
Vol.9, No.4, pp.550-556, 1973.

APLZJHU T-2811

Bogomol'nyi, A.M.

Calculation of the Compressibility Factor of
Gases and Gas Mixtures on Computers.

TEORET. OSNOVY KHIM. TEKHNOL., Vol.2, No.6,
pp.921-30, 1968.

A.T.S RJ-5827

Yurchenko, V. A.

Investigations of hydrodynamics of two-phase flow on
the rotating disk surface

TEORETICHESKIE OSNOVY KHIMICHESKOI TEKHNologii,
v. 3, n. 3, 1969, pp. 412-417
MTC 73-13135-20D

Kholavko, V. I.

*Influence of the boundaries of wind-tunnel flow on the
flow past a small-aspect-ratio wing.*

TEORETICHESKIYE OSNOVY LETATEL'NYKH APPARATOV, No 28,
1972, pp 3-9

FTD-HS-23-584-73

may 73

KURTSIN, I. T.
//TEORETIKESKIE OSNOVI PSYCHOSOMATICHESKOI
MEDITSINY//
---/1978, V---, N---,
Theoretical Foundations of Psychosomatic Medicine,
pp 1-336, Keter Publishing House, Jerusalem Ltd. @S

Podobriy, G. M.

Theoretical Principles of Torpedoes.

109 pp

TEORETICHESKIYE OSNOVY TORPEDNOGO ORUZHIA,

Moscow, 1969, ~~959 pp.~~ (chapters 3 & 9)

JPRS 61922

Ersov, Ju. L.

The Theory of Numerations. Part 3. Theory of
numerated algebras and models.
TEORIJA NUMERACII. CAST' 3. Russian not avail.
Novosibirsk State University - not yet publ.

Ersov, Ju. L.

The Theory of Numerations. Part 2. Computable
numerations of morphisms.

TEORIJA NUMERACII. CAST' 2. VYCISLIMYE NUMERA-
CII MORFIZMOV.

Novosibirsk State University, Novosibirsk, 1973
167pp.

G. A. Van Fo Fy
Theory of Reinforced Materials with Coatings
TEORIYA ARMIROVANNYKH MATERIALOV S
POKRYTIYAMI, KIEV, Naukova Dumka Press,
1971, 230 pages
FSTC-HT-23-2537-72

IVANOV, A. A.
//TEORIYA AVTOMATICHESKOGO UPRAVLENIYA I
REGULIROVANIYA, //
--/--/1970, V----, N----,
Theory of automatic control and regulation, 491
pp
PP 1-352, AIR/FTD/Mt-24-826-74@@

MERZHANOV, A. G.
//TEORIYA BEZGAZOVOGO GORENIYA//
---/--/1973, V---, N---,
Theory of Gasless Combustion, 20 pp
pp 1-25, CIA-X-7909
Preprint, Chemical Physics Institute AN SSSR,
Chernogolovka##

Dikiy, L. A.

Theory of oscillation of the earth's atmosphere
TEORIYA KOLEBANIY ZEMNOY ATMOSFERY, 1969, pp. 1-195,
NASA TT F 15404

Zykov, A.A.

Theory of Finite Graphs

TEORIYA KONECHNYKH GRAFOV, 1969, 543 pp

*DMAAC-6 Jun 74

SOKOLOVSKIY, V.V.
//TEORIYA PLASTICHONOSTI//
--/--/1969, V----,N----,
Theory of Plasticity, 671 pp
book, ACSI-J-9749, ARM/FSTC-IIT-23-656-7100

Slepov, B.I.

Destruction of a Cylindrical Shell Reinforced
by Transverse Ribs and Subjected to Hydrosta-
tic Pressure by Dynamic Load. *6 pp*

TEORIJA PLASTIN I OBOLOCHEK, 1971, pp.261-266.

NISC TRANS No.3553-74

NAV

KOROBAYA, A.A.
//TEORIYA I PRAKTIKA FIZICHESKOY KUL'TURY//
--/--/1959, V0022, N0004,
Character of changes of tendon reflexes in the athlete,
pp 290-292, *NASA TT F 15, 735@

IZYUMOV, M. A.
//TEORIYA I PRAKTIKA SZHIGANIYA GAZA, //
--/--/1972, V0005, N---,
Method of burning gas-air mixture in systems of
biased counterjets, 15 pp
pp 5-15, AIR/FTD-HT-23-837-74@@

Vinogradov, Yu. V.

Effect of the intensity of turbulence upon the process of
mixing elipstreams at a different ratio of velocities.
8 pp.

TEORIYA I PRAKTIKA SZHIGANIYA GAZA, No 5, 1972, pp 28-33

AIR/FTD-HT-23-866-74

SHATIL, A.A.

//TEORIYA I PRAKTIKA SZHIGANIYA GAZA//

--/--/1972, V0005, N----,

Mass transfer in a limited space, 12 pp,

pp 33-41, AIR/FTD-HT-23-887-7400

BORISOV, YU. YA.
//TEORIYA I PRAKTIKA SZHIGANIYA GAZA//
--/--/1972, V----, N0005,
Effect of acoustic vibrations on turbulent bounded flame.
15 pp.
pp 42-53, AIR/FTD-HT-23-868-74@@

Kuznetsov, O. A.

*Investigation of the influence of low-frequency
pulsations on the aerodynamics of a gas flame* 5 pp

TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5, 1972,

pp. 53-56

AIR/FTD-HT-23-869-74

Lisiyenko, V. G.

Investigation of the ejection capacity of mixers
which partially limit the jet and the flame

TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5, 1972,

pp. 56-59

AIR/FTD-HT-23-870-74

LEVIN, A.M.
//TEORIYA I PRAKTIKA SZHIGANIYA GAZA//
--/--/1972, V---, N0005.
Some flame stabilization problems. 13 pp.
pp 59-68, AIR/FTD-HT-23-871-7400

Bolin, V. A.

Certain peculiarities of combustion of ballasted
gases and stabilization of a flame
TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5, 1972,
pp. 68-72
AIR/FTD-HT-23-872-74

Roginskiy, O. G.

Flameout from plate stabilizers

TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5, 1972 6 pp

pp. 72-76

AIR/FTD-HT-23-873-74

Butovskiy, L. S.

Mixing zone structure and peculiarities of
gas burn-up beyond the flame stabilizer 8 pp
TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5,
1972, pp. 76-82
AIR/FTD-HT-23-874-74

Khristich, V. A.

Stability of diffusion burning of gas after the stabilizers
4 pp

TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5, 1972, pp. 82-

85

ATR/FTD-HT-23-875-74

Zanemonets, V. F.

An investigation of the stability of the operation
of radial burners with porous refractory heads 6 pp

TEORIYA I PRAKTIKA SZHIGANIYA GAZA, vol. 5, 1972,

pp. 85-89

AIR/FTD-HT-23-876-74

KHRISTICK V. A.
//TEORIYA I PRAKTIKA SZHISANIYA GAZA, //
--/--/1972, V0005, N----,
Effect of the properties of gas fuel on the
operation of jet-stabilizer burners, 11 pp
pp 125-132, AIR/FTD-HT-23-877-7400

LAVROV. N. V.
//TEORIYA I PRAKTIKA SZHIGANIYA GAZA, //
--/--/1972, V0005, N----,
High pressure acoustic gas burners, 12 pp
pp 223-232, AIR/FTD/HT-23-878-7400

SOROKA, B. S.
//TEORIYA I PRAKTIKA SZHIGANIYA GAZA, //
--/--/1972, V0008, N----,
Length of turbulent diffusion coaxial flame
in a furnace chanber, 9 pp
PP 238-244, AIR/FTD-HT-23-879-74@@

LYUBCHIK, G. N.
//TEORIYA I PRAKTIKA SZHIGANIYA GAZA, //
--/--/1972, V0005, N-----,
Conditions of flame transfer and formation of
temperature fields inmmultiburner combustion
chambers of het-type gtu, 8 pp
pp 316-321, AIR/FTD-HT-23-882-74@@

SIGAL, I.YA.

//TEORIYA I PRAKTIKA SZHIGANIYA GAZA//

--/--/1972, V0005, N----,

The formation of nitric (Nitrogen) oxides in firebox
processes during gas combustion, 14 pp.

pp 321-330, AIR/FTD-HT-23-883-7400

Theory and Design of Commercial Fishing Gear, by
A. L. Fridman, 488 pp.

TEORIYA I PROEKTIROVANIE ORUDIY PROMYSHLENNOGO
RYBOLOVSTVA, 1969.

NTIS TT 71-50129

Mar 73

Zusov, V. S.

Characteristics of Solid Fuel Rocket-Ramjet Engines
TEORIYA PRYAMOTOCHNYKH I RAKETNO-PRYAMOTOCHNYKH
DVIGATELEY. MASHINOSTROENIE. MOSCOW. 1971, p. 310-317
NTC 73-11851-21H

Ovsyannikov, B. V.

Theory and calculation of feed units of liquid-propellant rocket engines. 770 pp

TEORIYA I RASCHET AGREGATOV PITANIYA ZHIDKOSTNYKH RAKET-
NYKH DVIGATELEY, 1971, pp 1-540

AIR/FTD-MT-24-1524-72

Vapnik, V. N.

Theory of Object Recognition (Statistical Problems of Learning)

TEORIYA RASPOZNAVANIYA OBRAZOV. (STATISTICHESKIE PROBLEMY
OBUCHENIYA 1974

*IPST 20 Aug 1973

Minkovich, B.M.

Theory of the Synthesis of Antennas

TEORIJA SINTEZA ANTENN.

1969 pp 1-296

WAVE

*AFCL 4 Dec

Available at NTIS

KIRILLOV. II
//TEORUYA TUBOMASHIN//
--/--/1972, V----, N----
the theory of turbo machines 324 pp
pp 211-276, 295-408, 535
AIR/FTD/MT-24-423-74##

Agency: HEN/CDC
P.O. No. PLD-1579-74

991A/0766
30 Aug. 1973

Title: Testing in Emergency Suit

Author: A. Koljzer

Source: T.Soc. Geneesk 48, 1970

Language: Dutch pp 270-275

Instructions: Type single space. No paste-up, leave
space, translate all captions.

Vol, I. A.

A Model of a Deep-Water Manipulator Controlled
By a Computer.

5 pp

TEORIYA I USTROYSTVO MANIPULYATOROV. Moscow,
1973, pp 102-104.

JPRS 60907

Onishchenko, E. L.

An Electrohydraulic Master-Slave Manipulator
for a Deep-Water Apparatus.

5 pp

TEORIYA I USTROYSTVO MANIPULYATOROV, Moscow,
1973, pp 113-115.

JPRS 60907

Onishchenko, E. I.

Investigation of a Discrete Control System for
a Seep-Water Master-Slave Manipulator.

7 pp

TEORIYA I USTROYSTVO MANIPULYATOROV, Moscow,
1973, pp 116-119.

JPRS 60907

Agency: U.S.A.F. Aerospace Research Labs.
MIPR: FY 89947500066 Call Ltr. FY 75-012.

9144/2798
10 Feb 75

Title: Asymptotic behavior of least squares estimates
in the case of nonlinear regression.

Author: A.V. IVANOV.

Source: Teoriya Veroyatnostei i Matematicheskaya
Statistika (Kiev) 7, 70-74 & 164, 1972.

Special instructions: Translate and type one copy.
RUSSIAN-ENGLISH.

ASIMPTOTICHESKOYE VOVEDENIYE OTSENOK
NAIMEN'SHIKH KVADRATOV V SLUCHAYE NELINEYNOY
REGRESSII.

Teoriya Veroyatnostey i ee Primeneniya, Vol 17, No 2,
June 1972.

Cover-to-Cover by The Society for Industrial and Applied
Mathematics

Available at Ly Serials

May 73

Teoriya Veroyatnostei i ee Primeneniya,
Vol 17, No. 3, 1972

cover-to-cover by The Society for Industrial and
Applied Mathematics
available at Ly/Serials

Theory of Probability and Its
Applications

185 pp

TEORIYA VEROYATNOSTEI I EE PRIMENENIYA

Vol 17, No 4, 1972 pp 573-758

Cover-to-Cover translation
Society for Industrial and Applied Mathematics

Available LY SERIALS

Theory of probability and its applications
TEORIYA VEROYATNOSTEI I EE PRIMENENIYA, vol. 18,
no. 1, March 1973, pp 1-206
C/C SIAM - The Society for Industrial and applied
Mathematics
Avail. LY/SER

Plestinny Arsenal
Req. 73-122 a

9244/0505
25 June 1973

"Burning of Nitroglycerine"

by: K. N. Andreev and G. N. ~~XXXXXXXX~~ Despalov

From: Teoriya Vzryvchatykh Veshchestv. Sb.
Statef, 1963, pp. 430-43.

Language: Russian

Please translate and type 1 copy only. Type single space
PASTE-UP

UNKNOWN

//TEORIYA VEROYATNOSTEY I EE PRIMENENIYA//

--/06/1973,V--18,N0002,

Theory of probability and its applications,

pp 207-422 English pages

FULL TRANSLATION SOCIETY FOR INDUSTRIAL AND APPLIED
MATHEMATICS

AVAILABLE IN LIBRARY SERIALS##

UNKNOWN
//TEORIYA VEROYATNOSTEY I EE PRIMENENIYA//
--/09/1973, V0018, N0003
Theory of probability and its applications
pp 423-647 English pp
FULL TRANSLATION SOCIETY FOR INDUSTRIAL AND
APPLIED MATHEMATICS
Avail Ly Serials##

*Provisional methodology for computing atmospheric
dispersion of waste ashes and sulfurous gases from
power station smokestacks.*

TEPLOENERGETIKA, No 7, 1964, pp 89-92

NTC 73-21791-10B

Kontorovskiy, A. Z.

Metal and welding in the thermal power industry of Japan.

TEPLOENERGETIKA, Vol 13, No 4, Apr 1966, pp 85-87

C. E. trans 5704

THE THERMODYNAMIC FUNCTIONS OF A POLYTROPIC P
ROCESS

MURAVIEV, M. LANGUAGE-RU COUNTRY-UR

TEPLOENRGETIKA, ISSUE 1, "VYSHEYSHAYA SHKOLA"
MINSK 1970 PP 162-176

FSTC-HT-23-1504-73

Berman, L. D.

Methods for Calculating the Thermal Parameters
of Cooling Towers.

11 pp

TEPLOENERGETIKA, Moscow, Vol 18, No 8, Aug 1971,
pp 41-45.

JPRS 59676

Dropp, L. I.

Working processes and calculation of the efficiency of
an ash trap with a venturi tube

TEPLOENERGETIKA, n. 7, 1972, pp. 63-68

NTC 73-12859-13A

UNKNOWN

//TEPLOENERGETIKA//

--/--/1973, V0020,N----

Thermal Engineering,

C/C translation being done by Pergamon Press Ltd.
and supplied approx. 12 months after Russian

Journal is published. A Monthly

Per Letter 10 May 1974@@

Iofe, I. L.

High-Capacity Power Units Developing Well,
8 pp.
TEPLO ENERGETIKA, Moscow, No 6, Jun 73,
pp 5-7.
JPRS 59557

Aug 73

Khamidov, A. Kh.

Development of Thermal Power in the Uzbek SSR
Described.

7 pp

TEPLOENERGETIKA, Moscow, No 12, Dec 1973, pp 2-5.
JPRS 61275

Karpov, B. P.

Electric Generating Capacity of Moldavia Weighed.

5 pp

TEPLOENERGETIKA, Moscow, No 12, 1973, pp 5-6.

JPRS 61275

Kerimov, Yu. M.

Development of Power Generation in Azerbaydzhan Cited.
7 pp

TEPLOENERGETIKA, Moscow, No 12, 1973, pp 7-9.

JPRS 61275

Tskvitinidze, U. F.

Development of Electric Power Generation in Georgia
Discussed.

5 pp

TEPLOENERGETIKA, Moscow, No 12, 1973, pp 9-11.

JPRS 61275

Troitskiy, A. A.

Results and Prospects in the Development of
Thermoelectric Power.

11 pp

TEPLOENERGETIKA, Moscow, No 1, Jan 1974, pp 2-4.
JPRS 61223

Dobrokhotov, V. I.

Prospects for Total Electrification Highlighted.

5 PP

TEPLOENERGETIKA, Moscow, No 2, Feb 1974, pp 2-3.

JPRS 61550

Bukrinskiy, A. M.

Problem of Safety at Atomic Power Stations.

6 pp

TEPLOENERGETIKA, Moscow, No 2, Feb 1974, pp 8-10.

JPRS 61594

Yermakov, G. V.

Future Growth of Nuclear Power in the USSR.

5 pp

TEPLOENERGETIKA, Moscow, No 6, June 74, pp 2-3.

JPRS 62508

Voronin, L. M.

The Operation of Nuclear Electric Power Plants
in the USSR.

14 pp

TEPLOENERGETIKA, Moscow, No 6, June 1974, pp 5-11.

JPRS 62625

Lapidus, I. I.

Basic thermodynamic properties and characteristics of
halogenated monosilanes and methanes. (Analysis,
calculation and comparison of data).
TEPLOFIZICHESKIE KHARAKTERISTIKI VESHCHESTV, No 1, 1968,
pp 103-135
NTC 73-22097-07D

Boyko, A. N.

Experimental setup for studying complex heat exchange.
9 pp.

TEPLOFIZICHESKIYE SVOYSTVA I GAZODINAMIKA VISOKOTEMPERA-
TURNYKH SRED, 1972, pp 85-90
AIR/FTD-HT-23-789-74

... .., S. D.
//TEPLOFIZICHESKIYE SVOYSTVA I GAZODINAMIKA
VYSOKOTEMPERATURNYKH SRED, //
--/--/1972, V----, N----,
Formation of a shock wave ahead of a flame
front, 10 pp
pp 130-135, AIR/FTD/HT-23-1157-74@@

Kozlov, G. I.

Study of flow of partially ionized argon in
hypersonic nozzles. 7 pp.

TEPLOFIZICHESKIYE SVOYSTVA NIZKOTEMPERATURNY
PLAZMY, 1970, pp 129-132

AIR/FTD-HT-23-370-73

EFFECT OF DEFORMATION ON THE THERMOELECTRIC P
ROPERTIES OF BISMUTH TELLURIDE-BIS

KULIYEV, A. ETC LANGUAGE-RU COUNTRY-UR

TEPLOFIZICH. SVOYSTVA TVERD. TEL(TEPLDIZ. KO
NF. BAKU '68) '71,30-33.

FSTC-HT-23-0423-74

THERMAL CONDUCTIVITY OF BISMUTH TELLURIDE AT
HIGH TEMPERATURE IN SOLID AND LIQU

SHADRICHEV, YE LANGUAGE-RU COUNTRY-UR

TEPLOFIZ. SVOISTVA TVERD TEL

NAUKOVA DUMKA KIEV 1971 165-171

FSTC-HT-23-0205-75

REQ TR CHECK

9-05-74

TQ04

CERTAIN THERMOPHYSICAL PROPERTIES OF
PYROGRAPHITE

PETROV, V A; PETROVA, I I

UR: TEPIOFIZICHESKIYE SVOYSTVA TVERDYKH
VESHCHESTV, 1973, pp. 74-79

In process

HT-23-2587-74

RABINOVICH. V. A.
//TEPLOFIZICHESKIE SVOISTVA VESCHESTVI I
MATERIALOV VYPUSK 2//
--/--/1970, V0002, N----
Thermophysical properties of matter and
substances
PP 3-384 NTIS TT 72-52001
Avail Ly serials##

V.A. Rabinovich ed.

Physical constants and Properties of Substance
Issue, Thermophysical properties of Substances
and Materials.

Teplofizicheskie svoistva veshchestv. 1971.

206pp.

*NTIS-TT-73-52009

No 3

May 73

Rabinovich, V.A. (Ed)

Physical Constants and Properties of Substances
TEPLOFIZICHESKIE SVOISTVA VESHCHESTV I MATERIALOV
No 4, Izdatel'stvo Standartov, Moscow, 1971

*NTIS TT 73-52029

July 1973

Rivkin, S.L.

Thermophysical Properties of Water in the
Critical Region, A Handbook

TEPLOFIZICHESKIE SVOISTVA VODY V KRITICHESKOI
OBLASTI, SPRAVOCHNIK Moscow, 1970 635 pp

*NTIS-TT-73-53048

DETERMINATION OF OPTIMAL CUTTING REGIMES ON T
HE BASIS OF STUDY OF THERMOPHYSICA

SILIN, S. LANGUAGE-RU COUNTRY-UR

TEPLOFIZ. TEKHNLOGICH. PROTSESSOV SBOR., KUY
BYSHEV, 1970 PP 46-53

FSTC-HT-23-1507-73

TEMPERATURE FIELDS FROM HEAT SOURCES MOVING A
LONG ARBITRARY CONTINUOUS CONTOURS. *comp. 000 7/1/74*

SAYFIYEV, R. Z. LANGUAGE-RU COUNTRY-UR

TEPLOFIZIKA TEKHNOLOGICH. PROTSESSOV. SBORNIK
, KUYBYSHEV, '70, 146-149.

FSTC-HT-23-0477-74

Minyaylenko, N. A.

Determination of Temperatures of A Flow and of A Channel
Wall Containing Heat 5 pp

TEPLOFIZIKA I TEPLOTEKHNIKA, ISSUE 18, Kiev 1970,
pp 52-56

ACSI-K-2495

FSTC-HT-23-1973-72

NOVIKOV, V. S.
//ТЕПЛОФИЗИКА И ТЕПЛОТЕХНИКА//
--/--/1970, V----, NO018,
Phonon Transfer of Heat Through Actual Contact of
Solid Bodies, 7 pp.
pp 126-131, FSTC-HT-23-332-73@@

THERMoelectric DEVICES BEING BLOWN THROUGH BY
A SUBSTANCE IN THE DIRECTION OF H

KOTYKLO, G. ETC. LANGUAGE-RU COUNTRY-UR

Completed

TEPLOFIZIKA I TEPLOTEKNIKA, ISSWE 19, 1971,
KIEV PP 132-135

FSTC-HT-23-1635-73

Dyban, Ye. P.

The effect of a deflector geometry on heat transfer in
the cooling loop of deflector vanes. 10 pp

TEPLOFIZIKA I TEPLOTEKHNIKA, No 21, 1972, pp 67-73

AIR/FTD-HT-23-311-74

REQ TR CHECK

17-08-73

T292

POSSIBILITIES OF CHANGING THE MICROSTRUCTURE
OF TURBULENT FLOW IN INVESTIGATIONS OF
CONVECTIVE HEAT TRANSFER

EPIK, E YA; KOZLOVA, L.G.

UR: AKADEMIYA NAUK UKRAINSKOY SSR,
TEPLOFIZIKA I TEPLOTEKHNIKA, NO. 22,
1972, pp. 73-78

*Process in as**HT 74-23-0292*

DYBAN, YE. P.
//TEPLOFIZ, TEPLOTEKH, (KIEV),//
--/--/1973,V---,N0023,
Reliability of existing methods for calculating the heat
transfer between the gas and a cooled turbine blade, 15 pp
pp 29-34, NASA TT F 1542500

Dyban, E. P.

Reliability of existing methods for calculating the heat transfer between the gas and a cooled turbine blade

TEPLOFIZIKA I TEPLOTEKHNIKA, n. 23, 1973, pp. 29-34

*NASA TT F-15,425

Legkiy, V. M.

*Experimental investigation of local heat transfer
from a plate in the region of laminar to turbulent
boundary layer transistion*

TEPLOFIZIKA I TEPLOTEKHNIKA, no. 23, 1973, pp. 106-109
NASA TT F 15,418

Putogarov, A. V.

Stabilized Arc Column with Axial Gas Flow.
TEPLOFIZ. VYSOKIKH TEMPERATUR, AKAD. NAUK
SSSR Vol. 4, No. 2, pp.173-6, 1966.
A.T.S. RJ-5256

Petukhov, B. S.

Boiling of liquid alkali metals in tubes.
TEPLOFIZIKA VYSOKIKH TEMPERATUR, Vol 8, p. 309-318,
1970.
NTC 73-10689-20M

may 73